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NEW DIESEL TRACTOR INTRODUCED;
AUTO PLANT UPS EFFICIENCY

ALTAY, STALINGRAD PLANTS DESIGN NEW MODEL -- Bol'shevik Altaya, No 80, 7 May 49

Engineers of the Altay and Stalingrad tractor plants have designed an economical new tractor, the DT-54. The experimental model of the tractor was tested and accepted for mass production.

The new tractor operates on a Diesel motor which consumes 30 - 35 percent less fuel than the kerosene motor in the STZ-NATI. A special compartment is built in for the driver. The motor of the new tractor starts automatically.

Parts of the DT-54 tractor have great durability, thus reducing the demand for spare parts and prolonging the period of service between repairs. The new tractor operates without interruption for 18 - 20 hours.

MOSCOW PLANT SPEEDS TURNOVER OF CAPITAL -- Moskovskiy Bol'shevik, No 62, 16 May 49

The Moscow Automobile Plant imeni Stalin has made remarkable progress in accelerating the turnover of working capital. The length of turnover of working capital for basic materials was 61 days in 1947 and 47 days in 1948, for auxiliary materials 243 days in 1947 and 100 days in 1948 and for tools, 24.3 and 25.8 days respectively, (the slow turnover in 1948 is explained by the many new types of machines built in that year). Thus, the length of turnover for all working capital in the plant was 141.5 days in 1947 and 115 days in 1948. This decrease made it possible during 1948 to increase the output per ruble of working capital from 55 kopeks' worth in the first quarter to one rubles' worth in the last quarter.

The number of machines in use in the plant has increased five times in the last 3 months. There were six automatic assembly lines in operation in 1948, though the plant had none when it began production of the ZIS-5 automobile. The effectiveness of continuous machining of parts is indicated by the fact that the time for machining a gear box was cut from 40.9 minutes in 1947 to 24 minutes in 1948. In 1949, this will be reduced to 20 minutes.

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In 1948, the cost of buses was lowered 48.8 percent in comparison with 1947, of the ZIS-110 automobile 24.6 percent, and of trucks 12.3 percent.

AUTO PLANT COMPLETES MOSKVICH PLAN -- Moskovskiy Bol'shevik, No 134, 9 Jun 49

The Moscow Plant for Low-Powered Automobiles has successfully completed the State plan for the production of the Moskvich automobile. The plant is now producing automobiles above plan out of materials saved.

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